

FIG. 2  
(PRIOR ART)

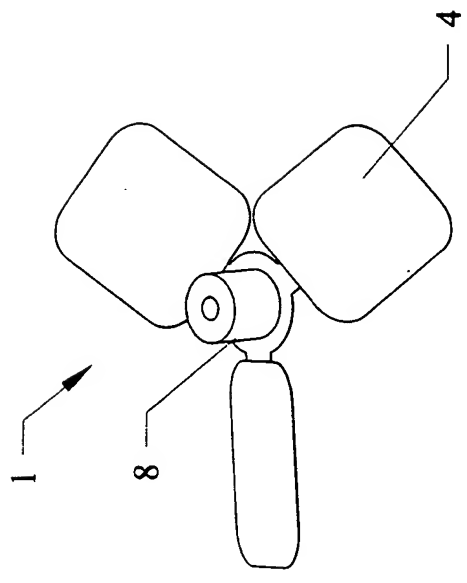


FIG. 1  
(PRIOR ART)

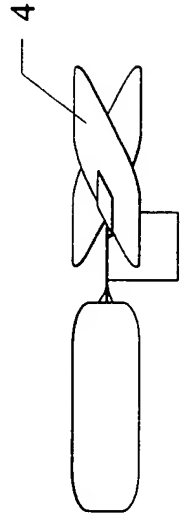


FIG. 3  
(PRIOR ART)

FIG. 4

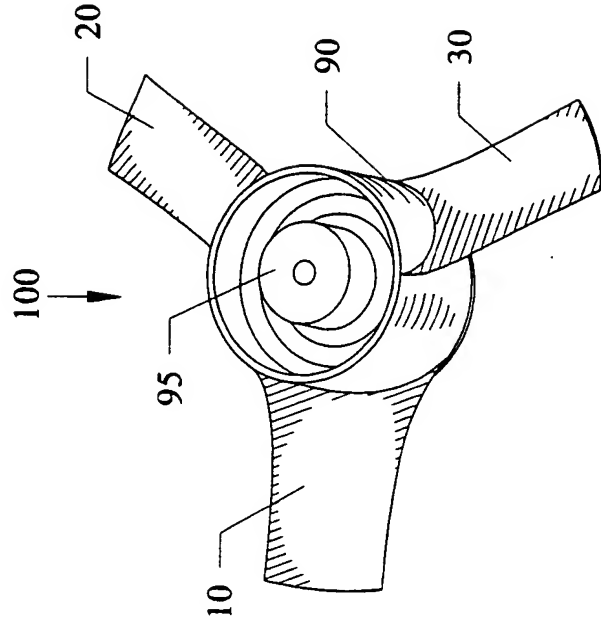
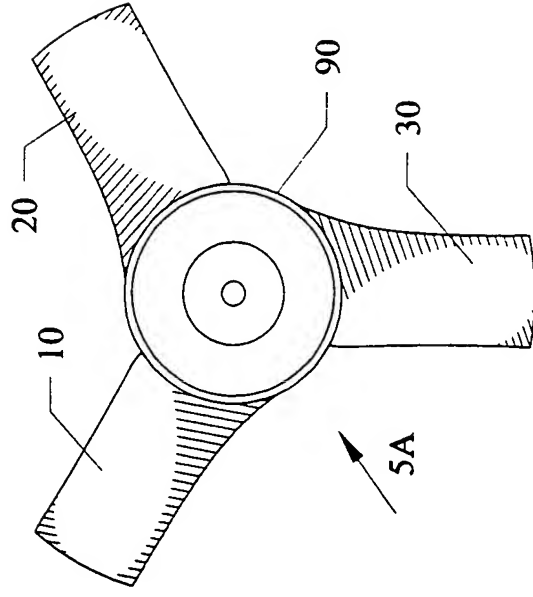


FIG. 6

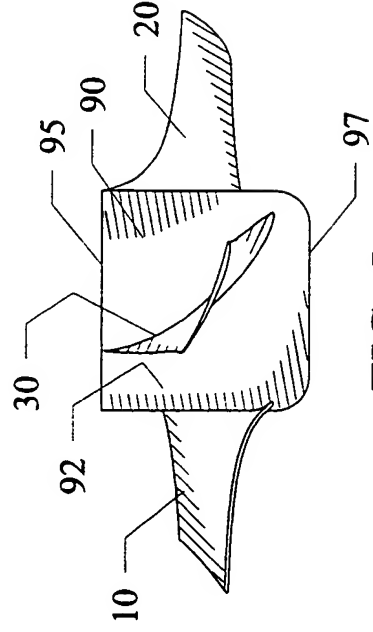


FIG. 5

FIG. 8

TOP

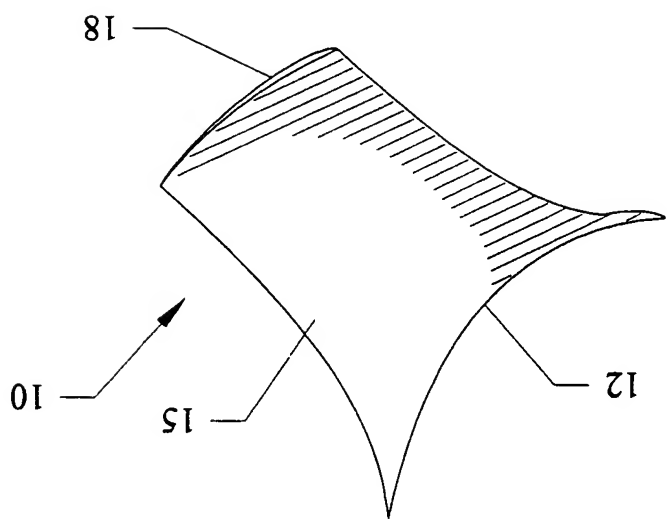
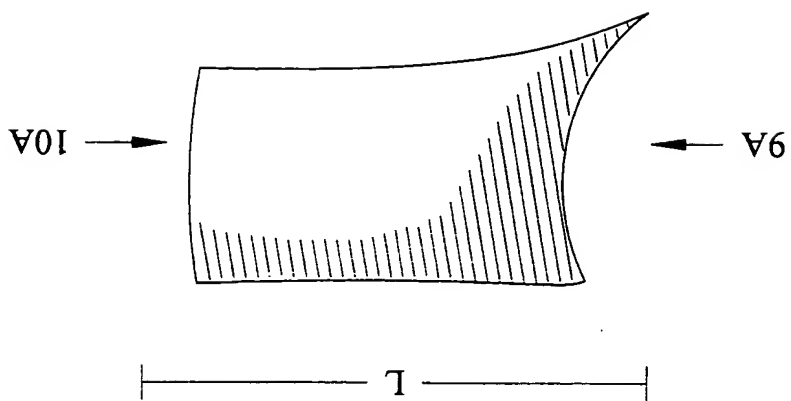


FIG. 7

FIG. 9

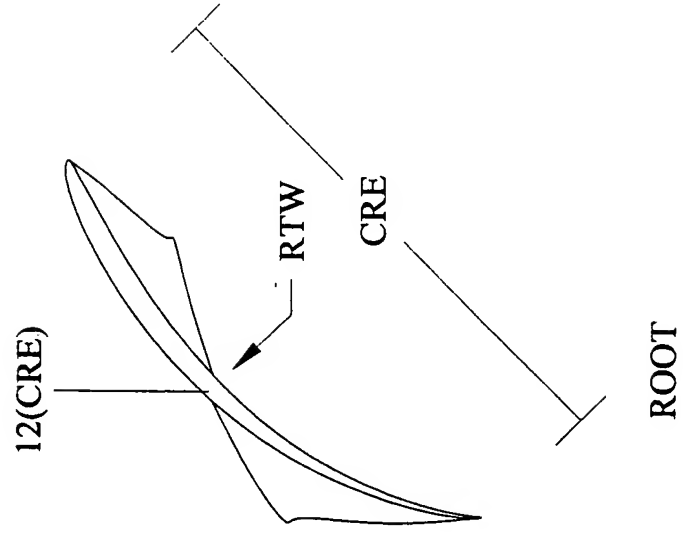
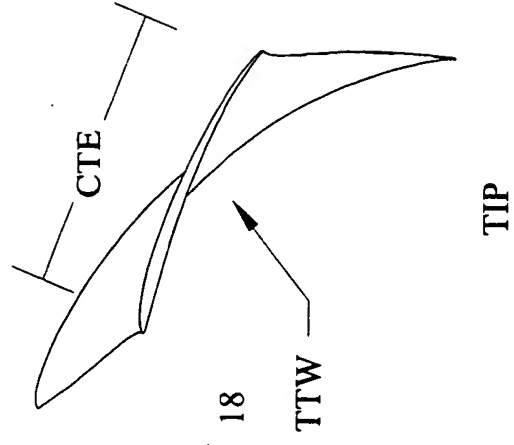


FIG. 10



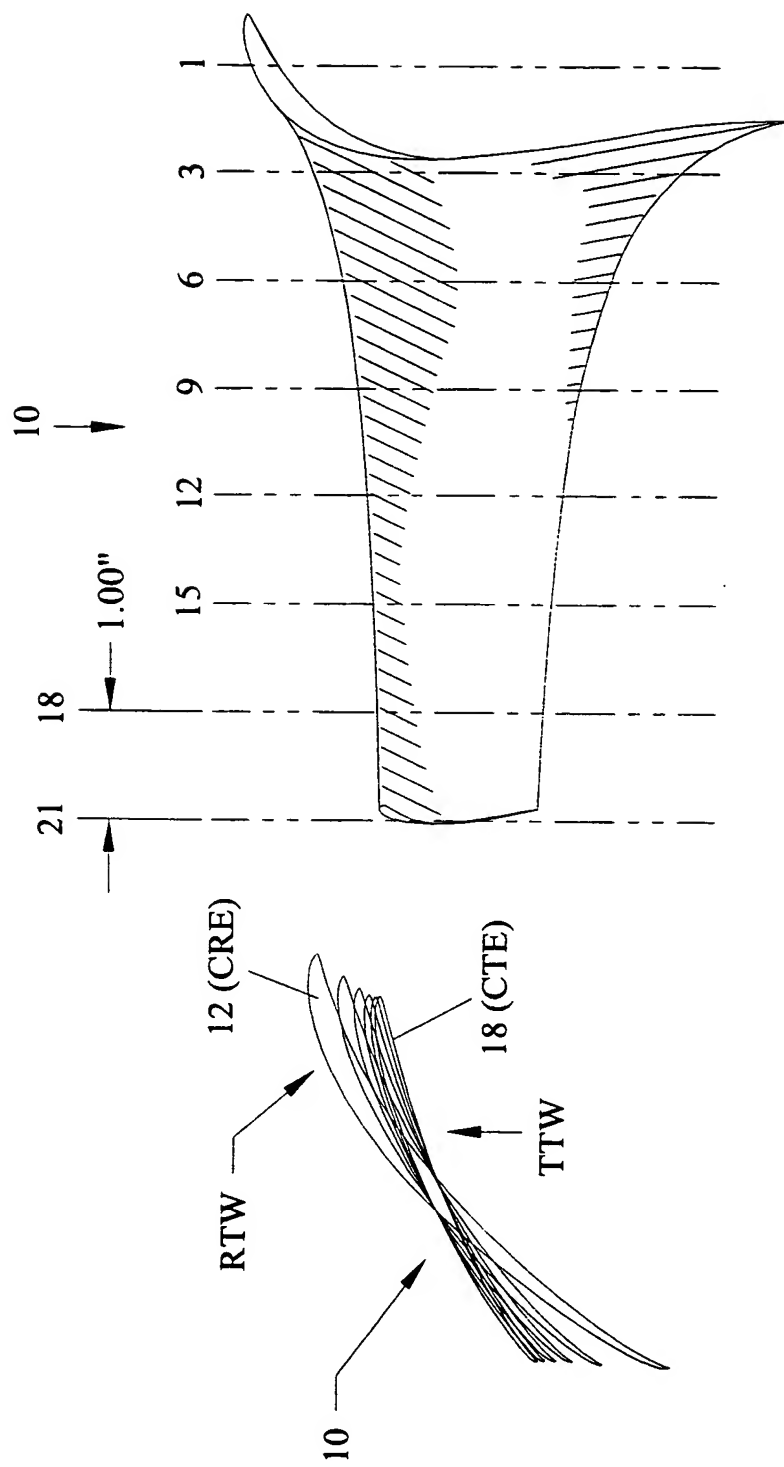


FIG. 11

FIG. 12

FIG. 13

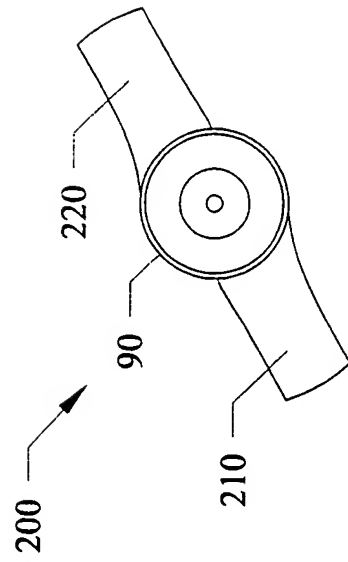


FIG. 15

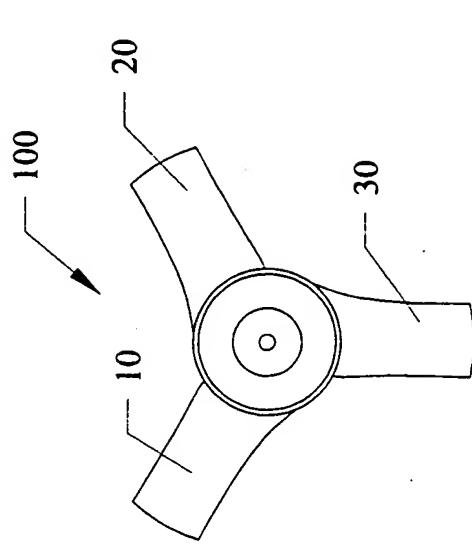


FIG. 14

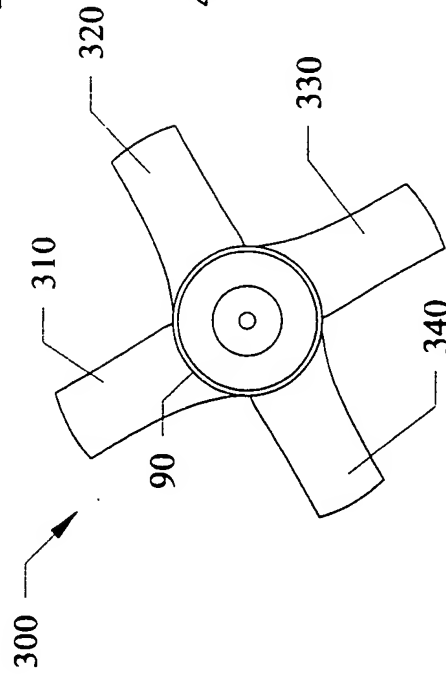


FIG. 16

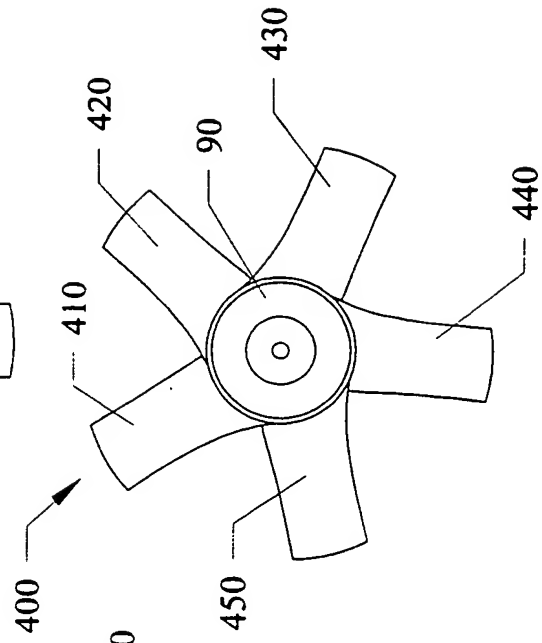
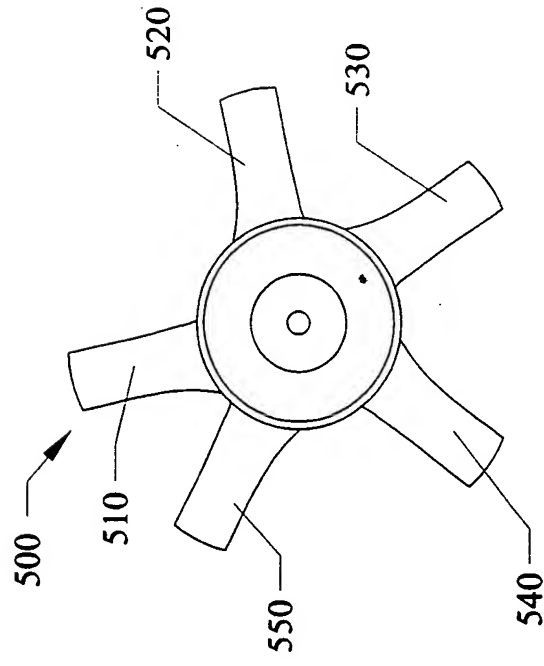
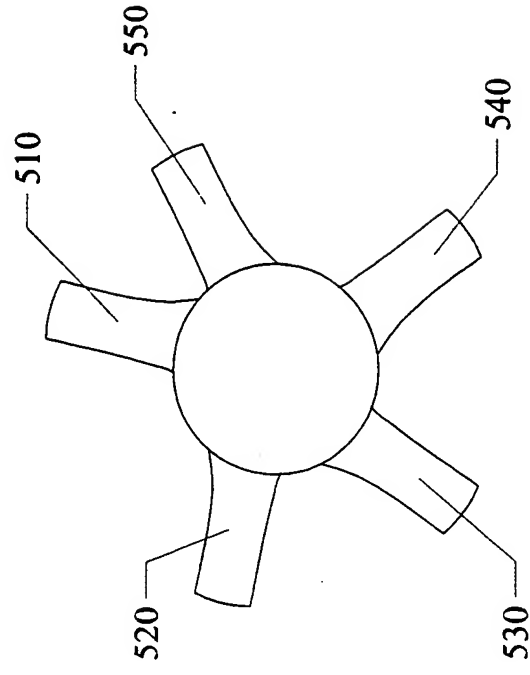


FIG. 17



BOTTOM

FIG. 18



TOP

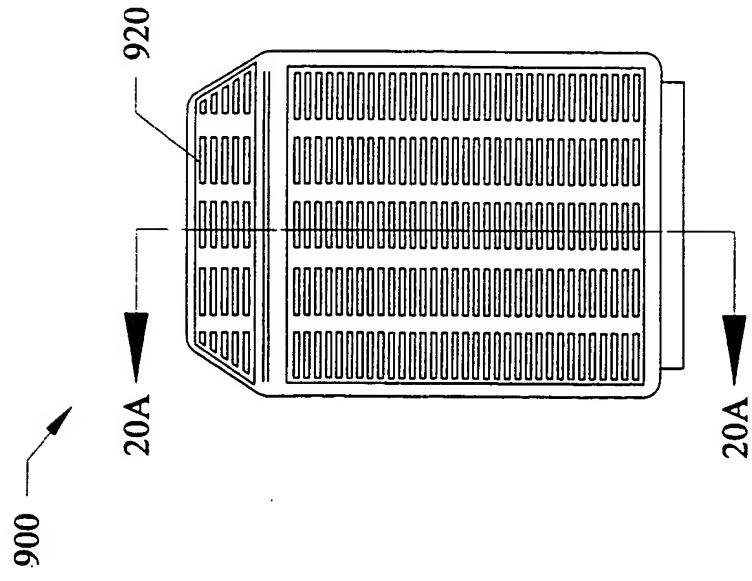


FIG. 19  
(PRIOR ART)

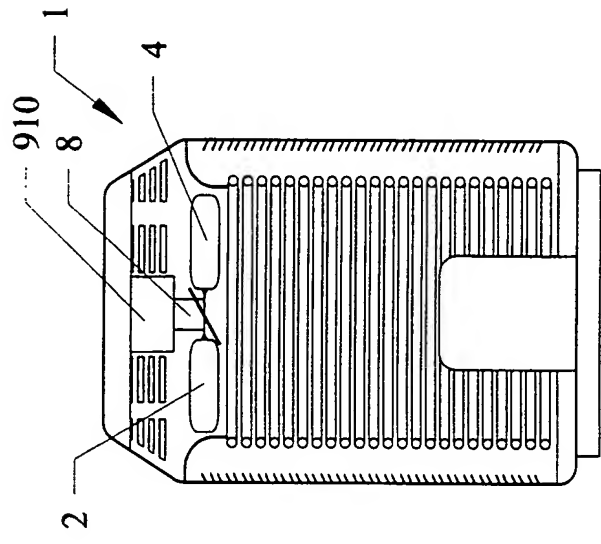


FIG. 20  
(PRIOR ART)

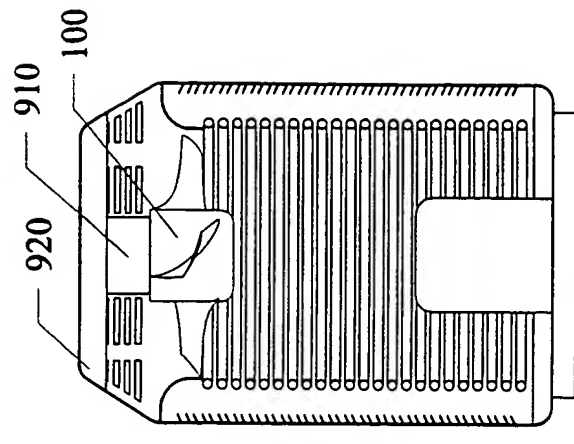


FIG. 21  
(PRIOR ART)



600

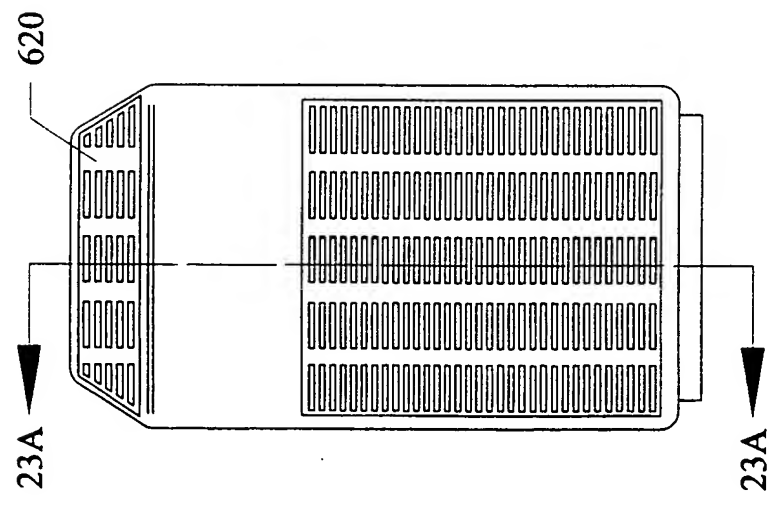


FIG. 22

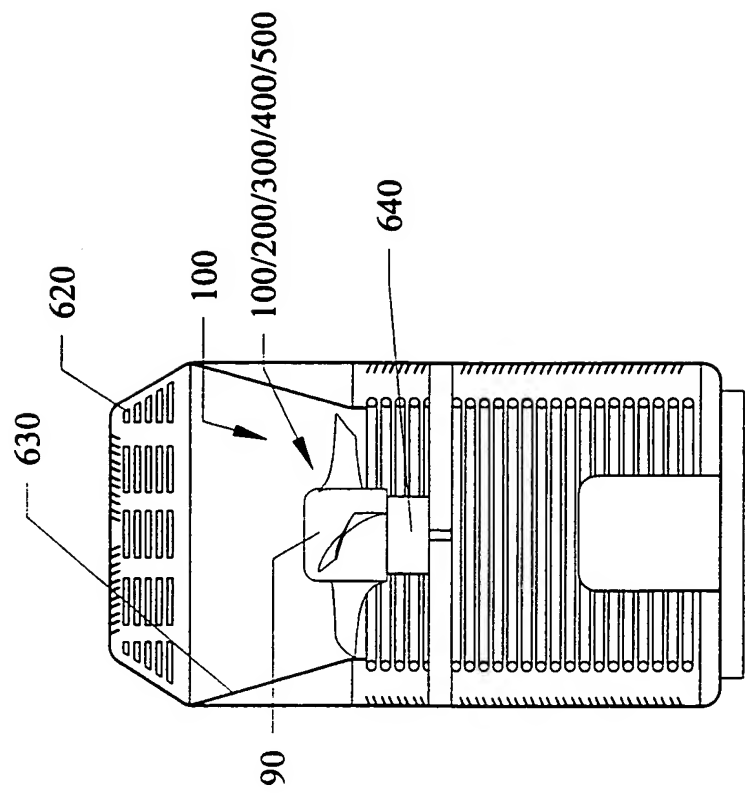


FIG. 23

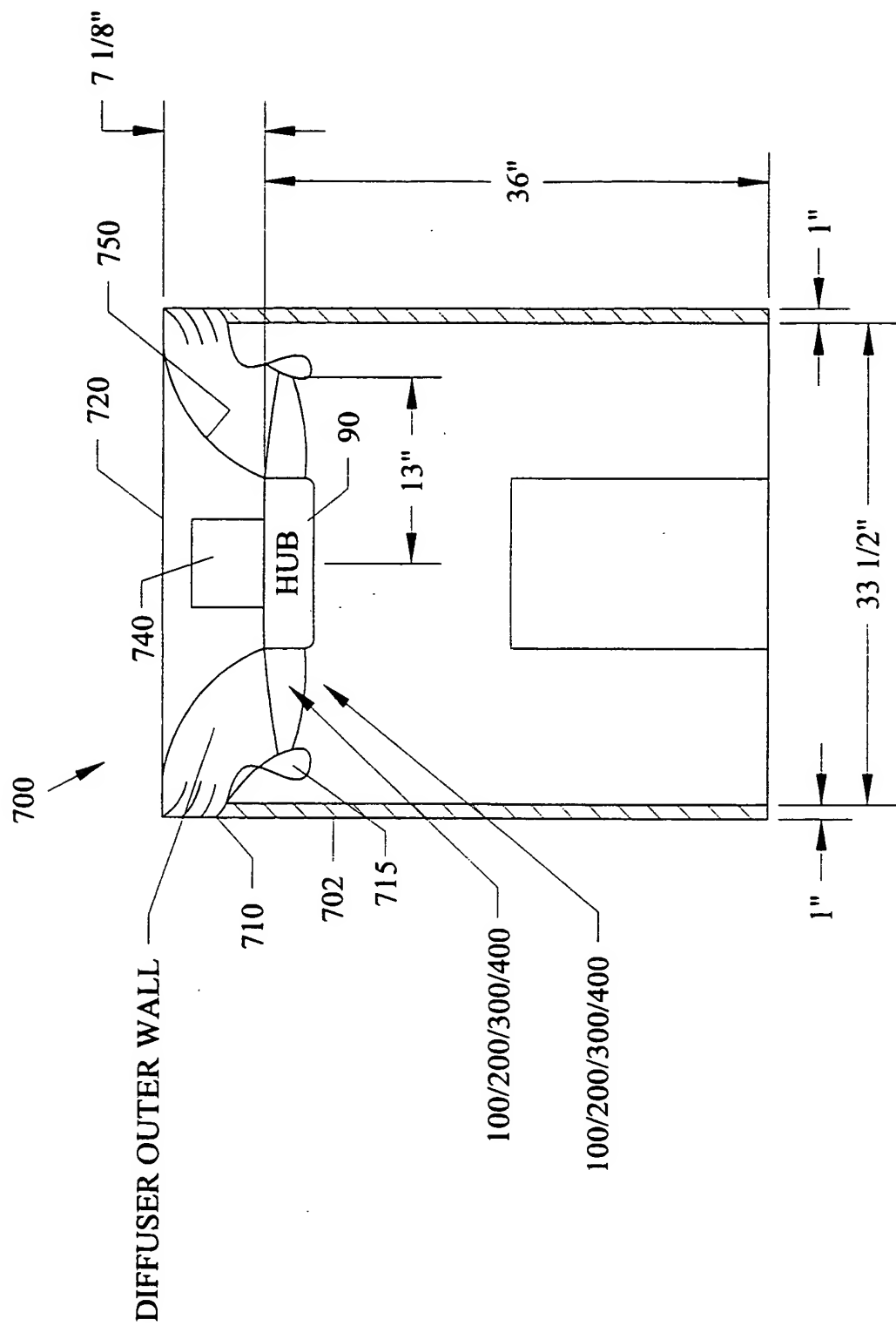


FIG. 24

Fig. 25

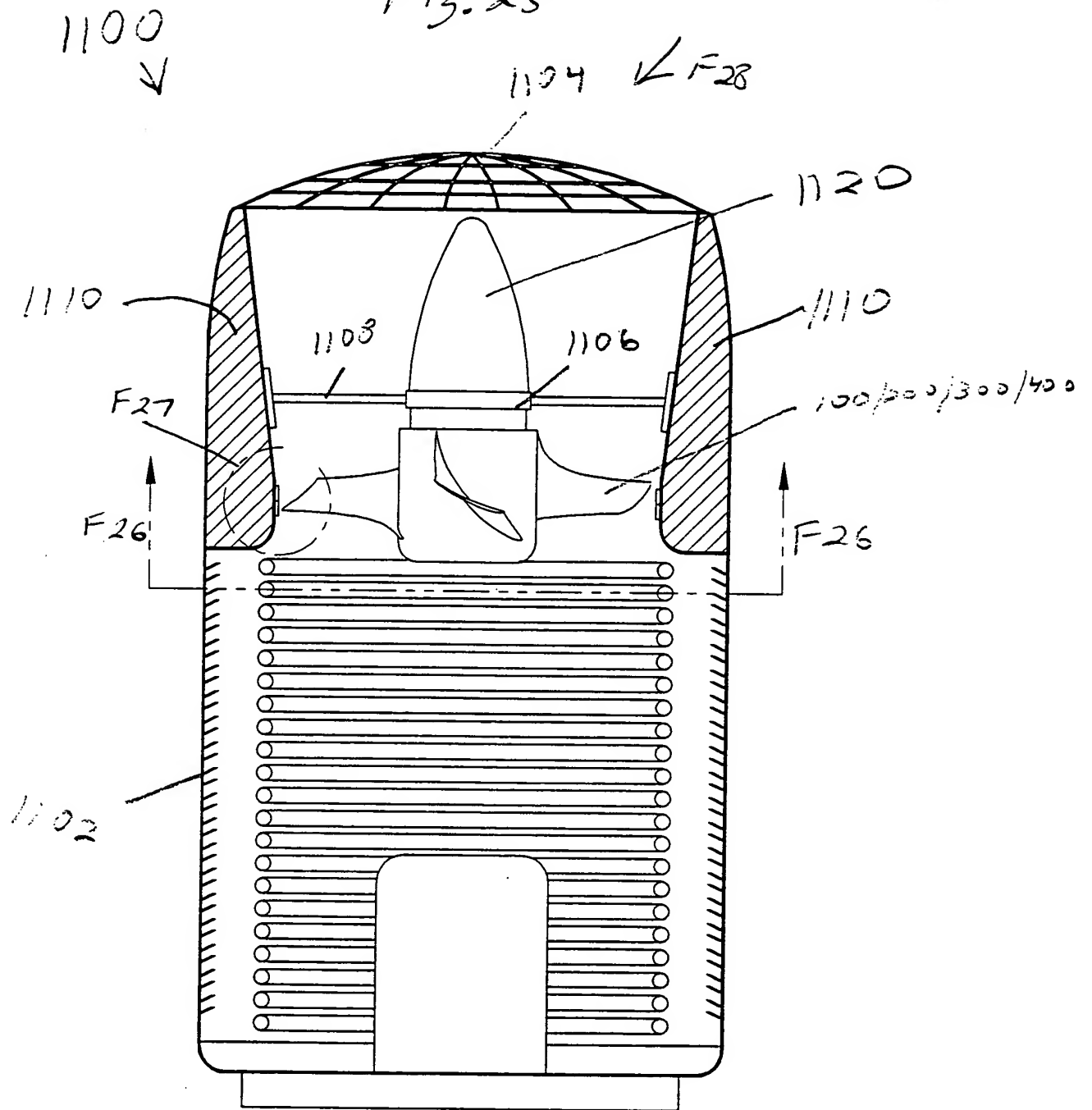


Fig. 26

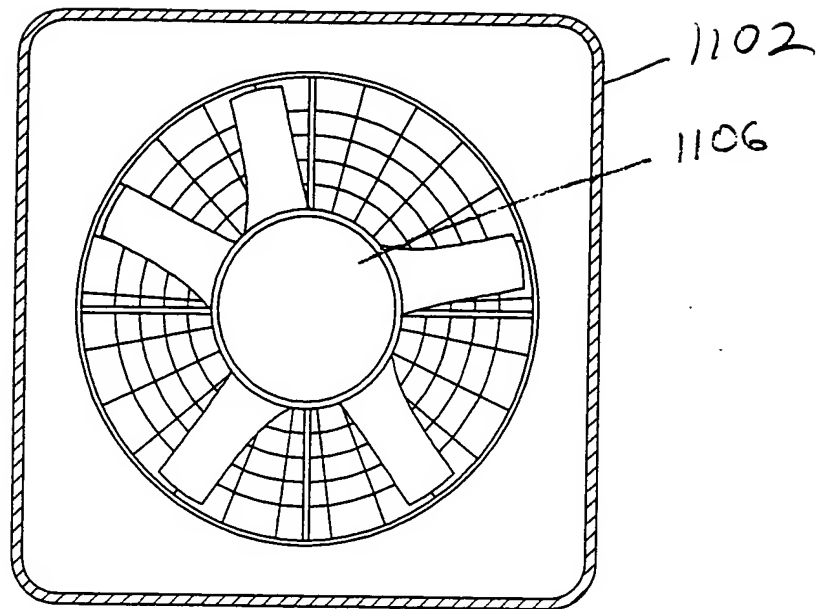


Fig. 27

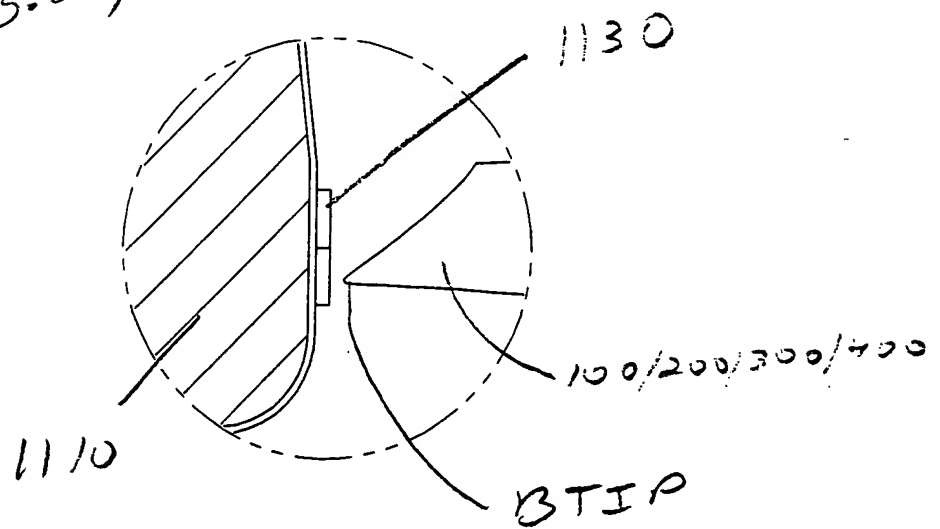


Fig. 28

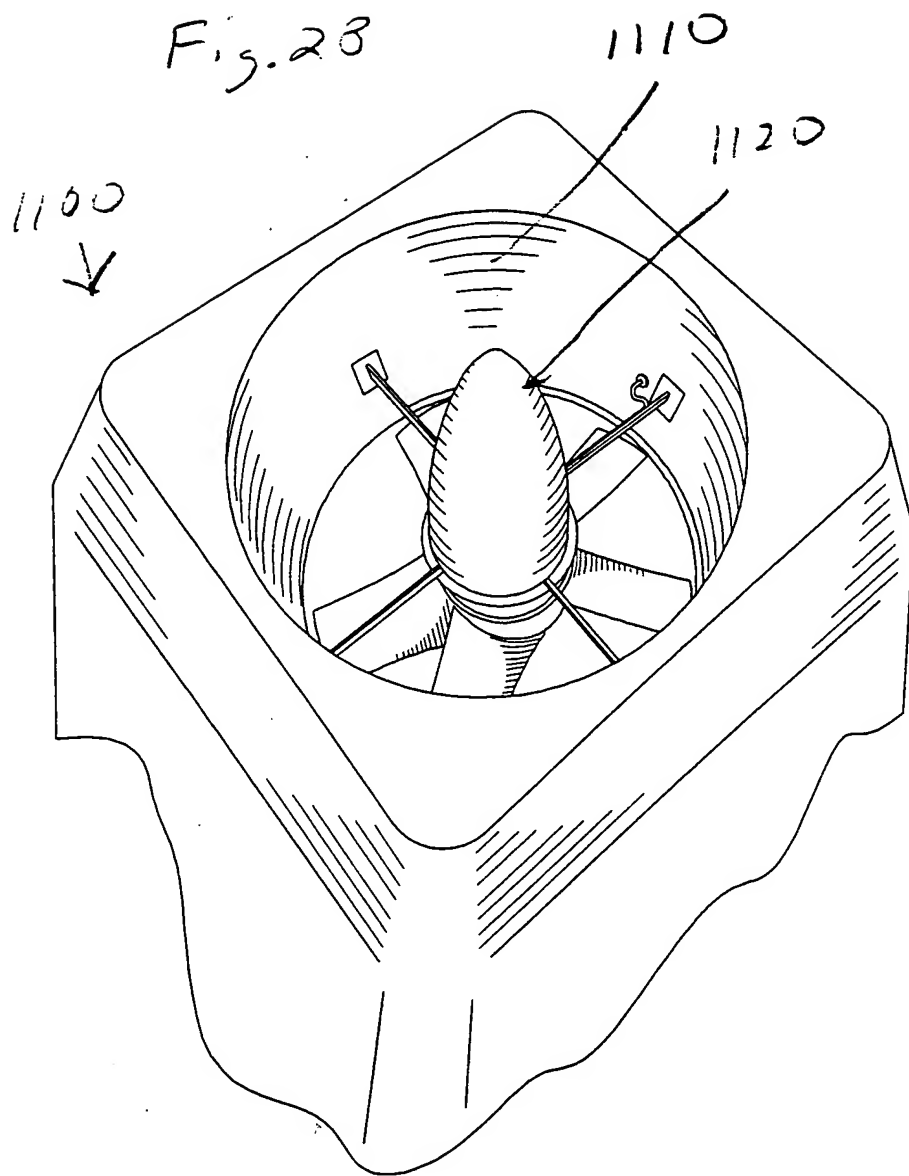
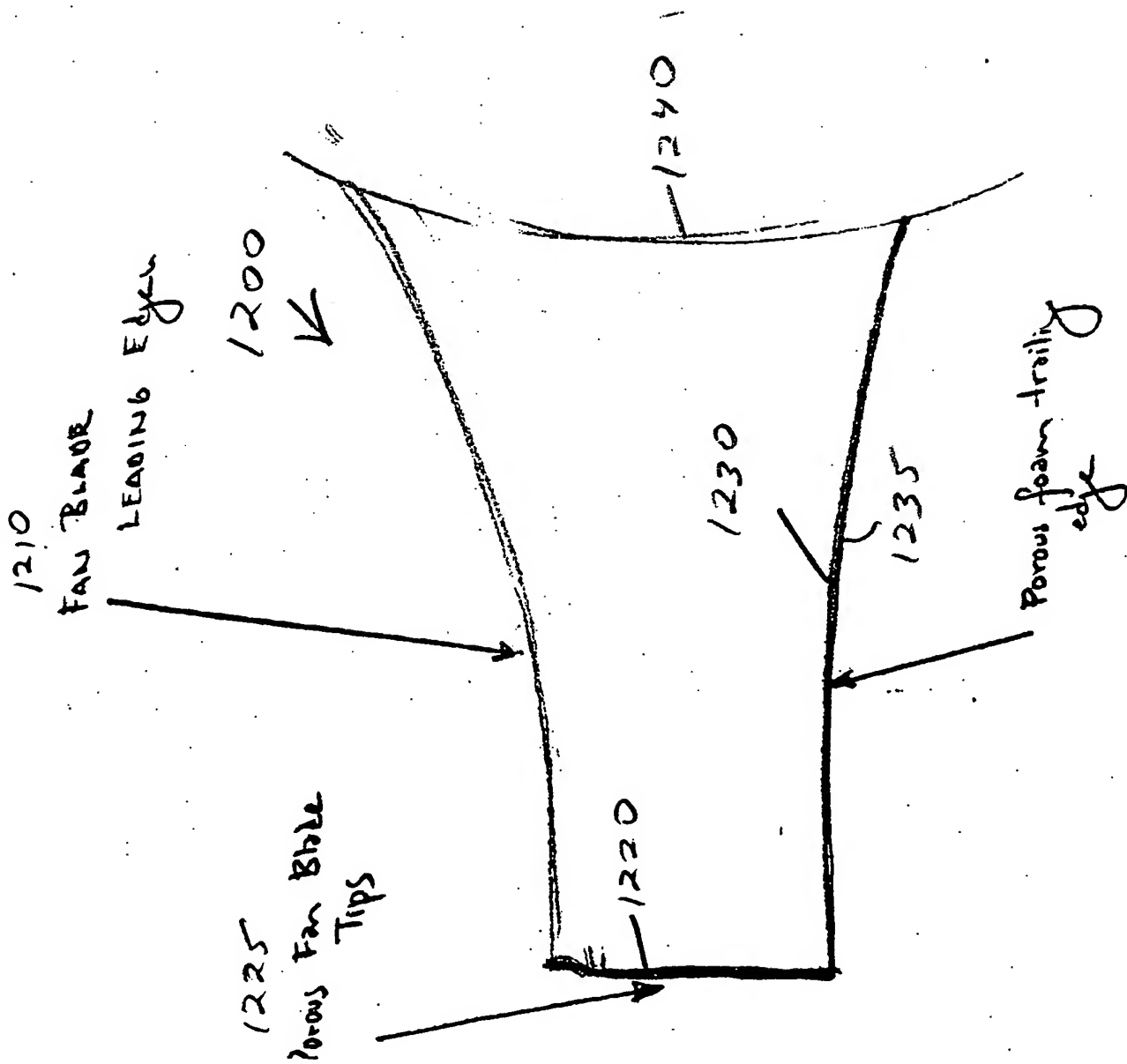


Fig. 29

Fan  
Blades  
with Porous Tip  
& Trailing Edge \*



\* Provides vortex shedding reduction

Fig. 30

1300  
↓

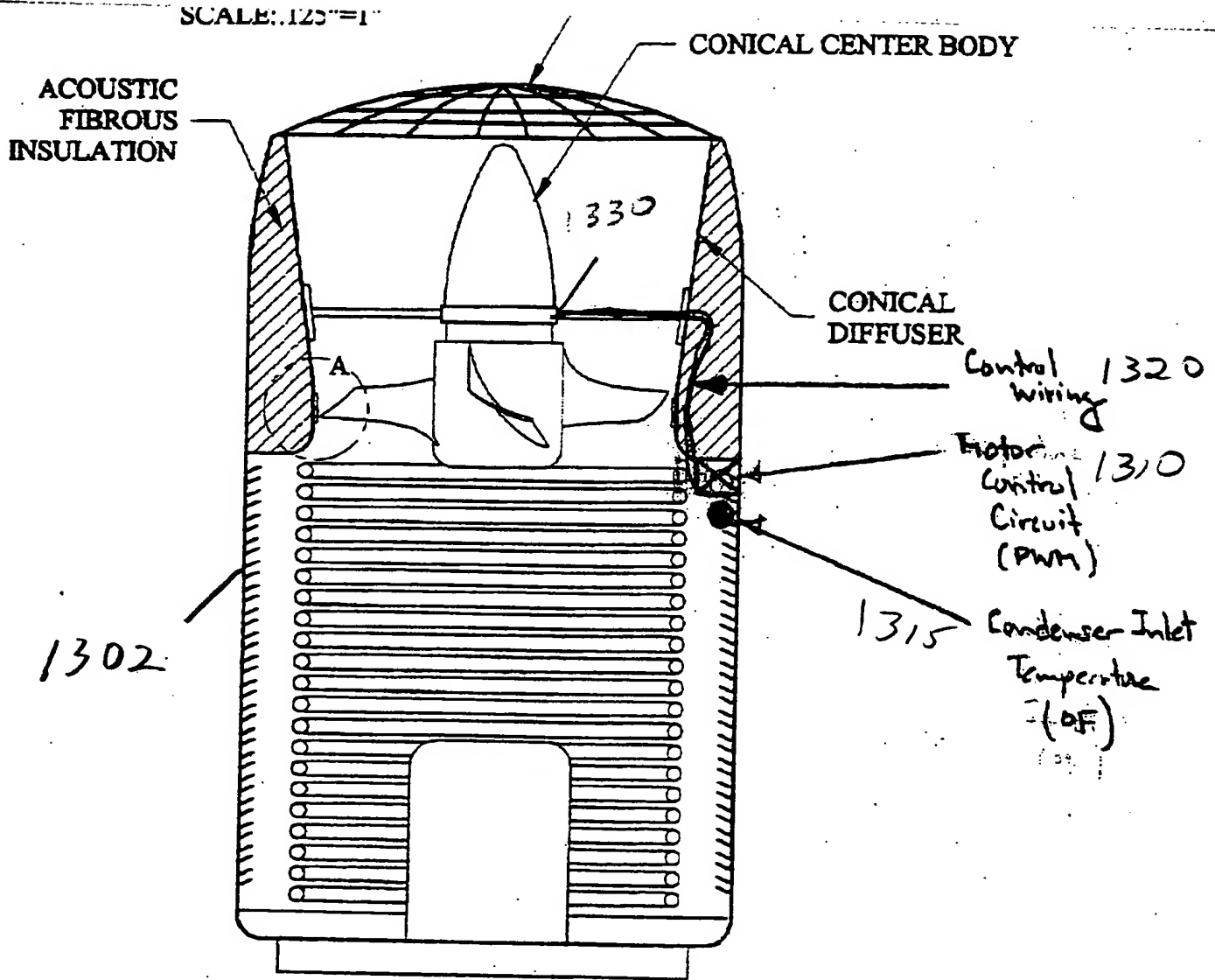
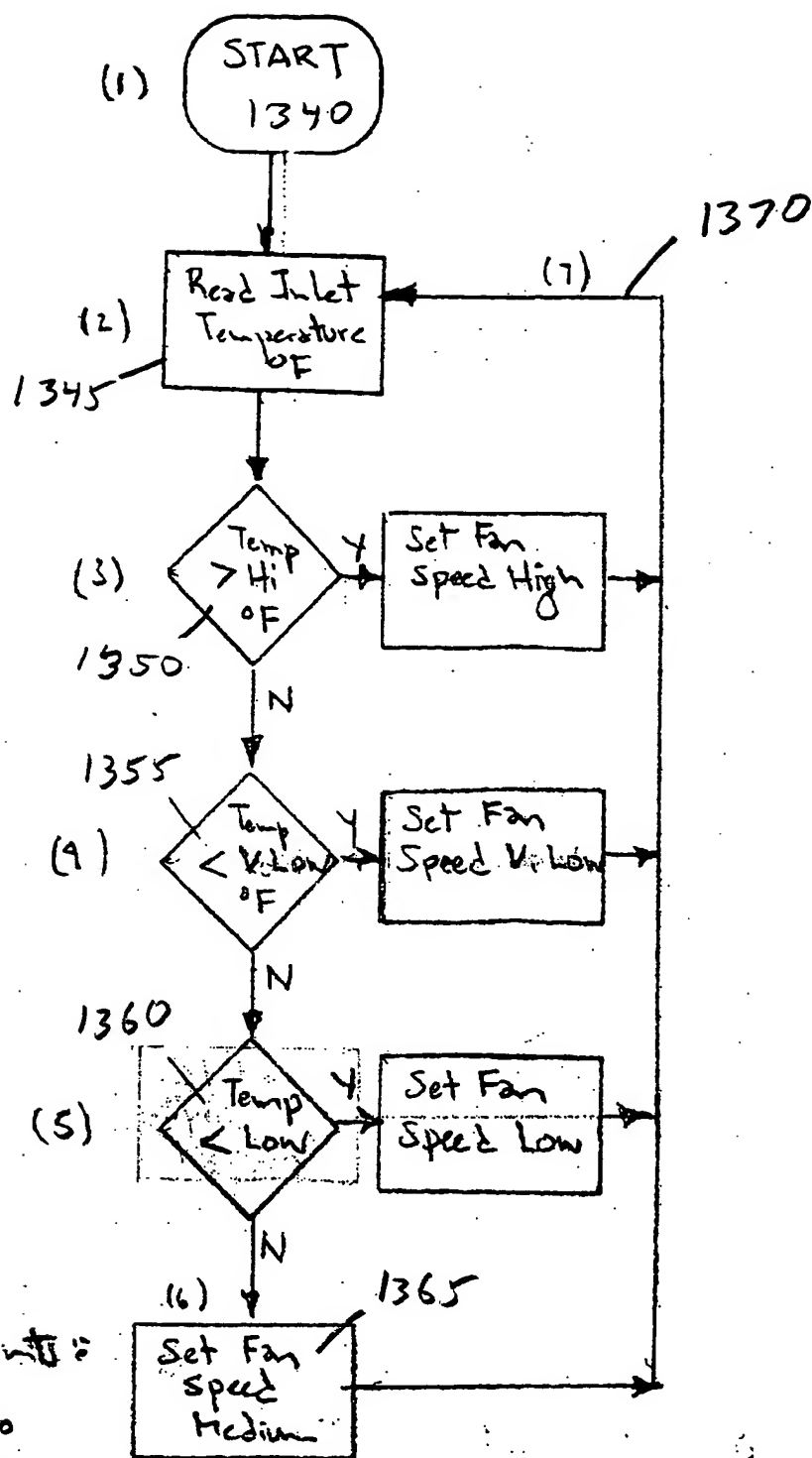


Fig. 31



Example Set Points:

Hi = 89°

Low = 83°

Very Low = 65°



Fig. 32

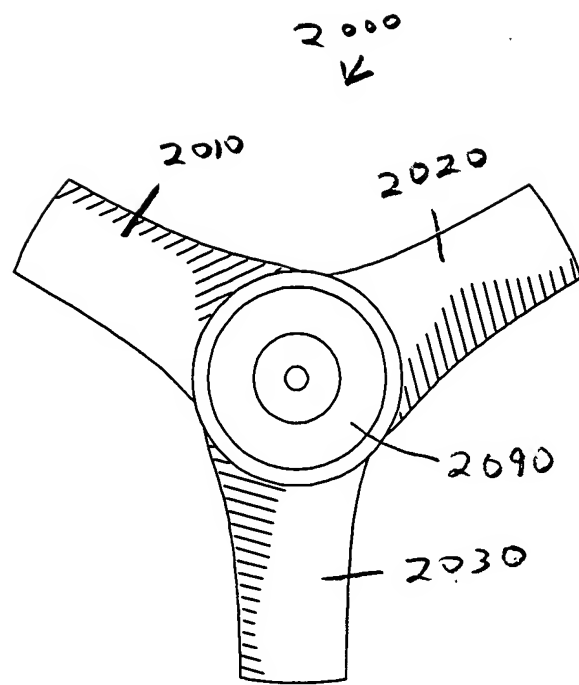


Fig. 33

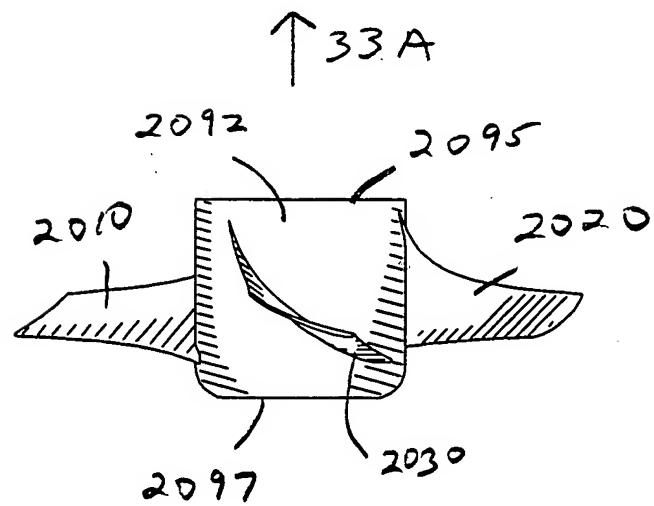


Fig. 34

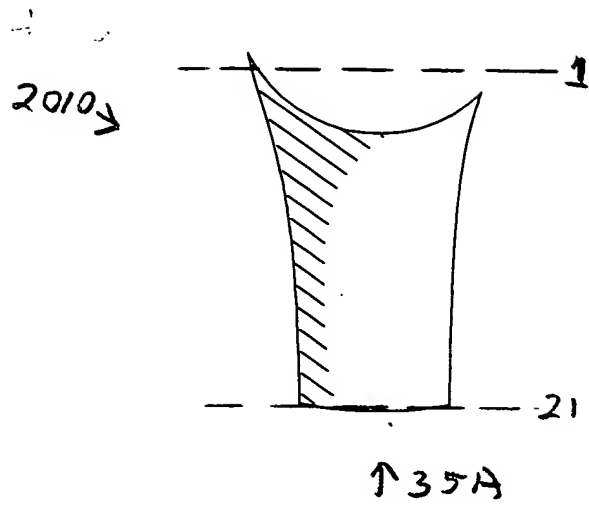
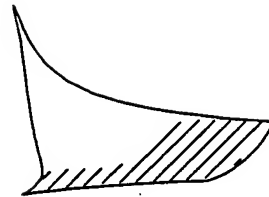


Fig. 35



Fig. 36



3000  
↓

Fig. 37

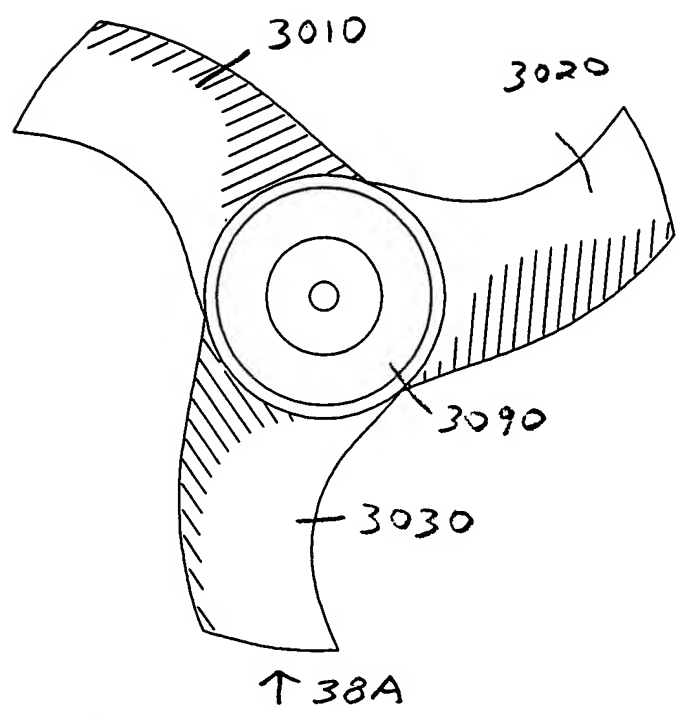


Fig. 38

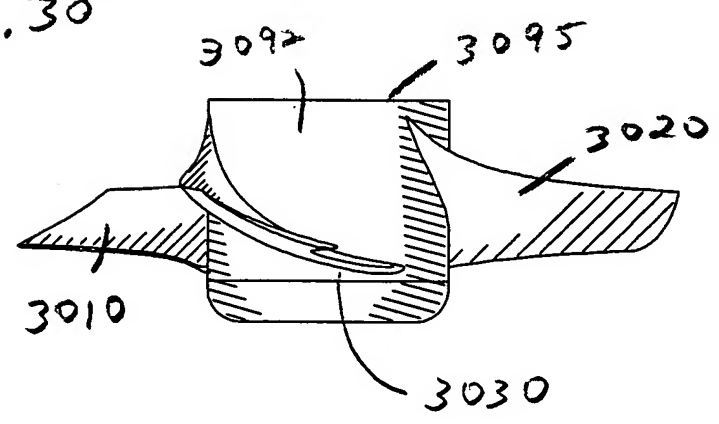


Fig. 39

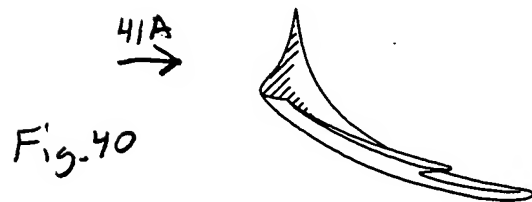
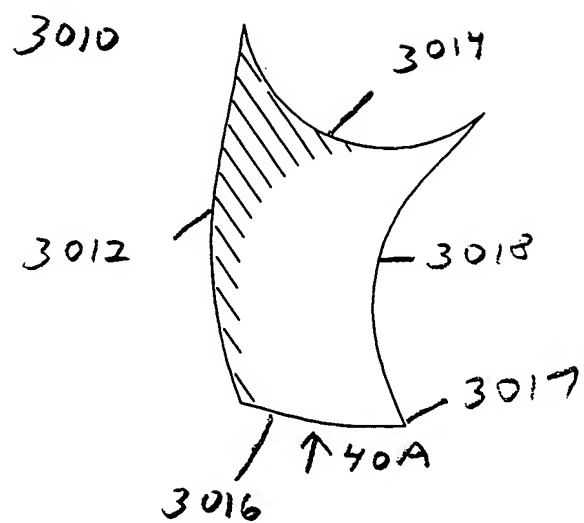
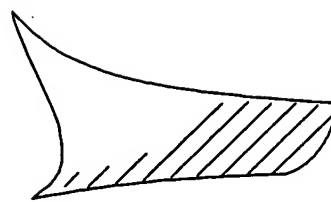
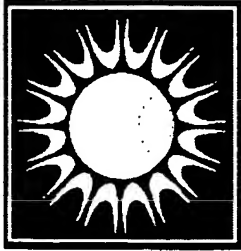


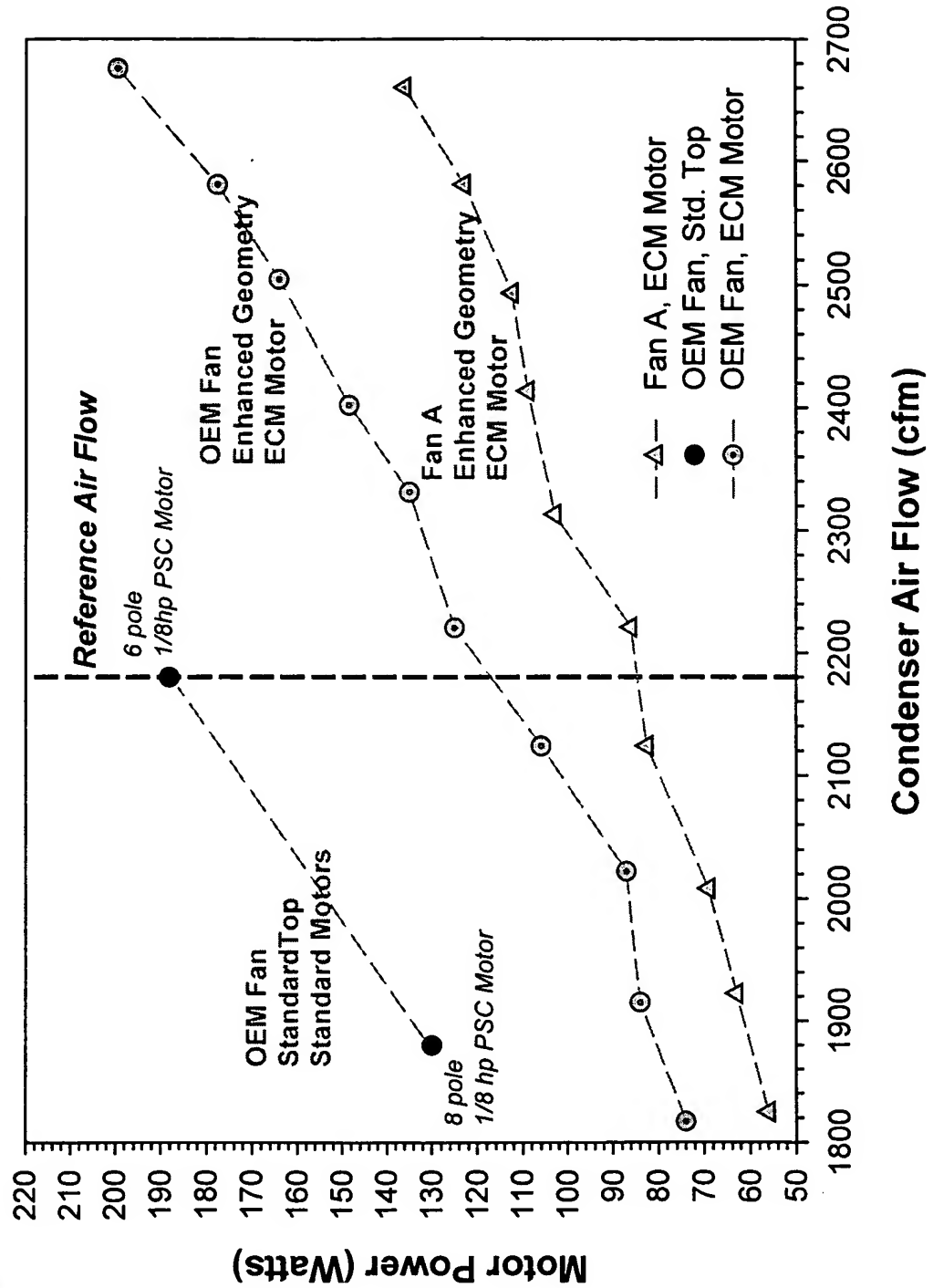
Fig. 41





**Fig. 42 Performance with  
ECM Motors**

Condenser Airflow vs. Motor Power



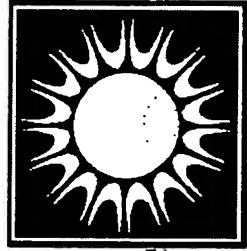
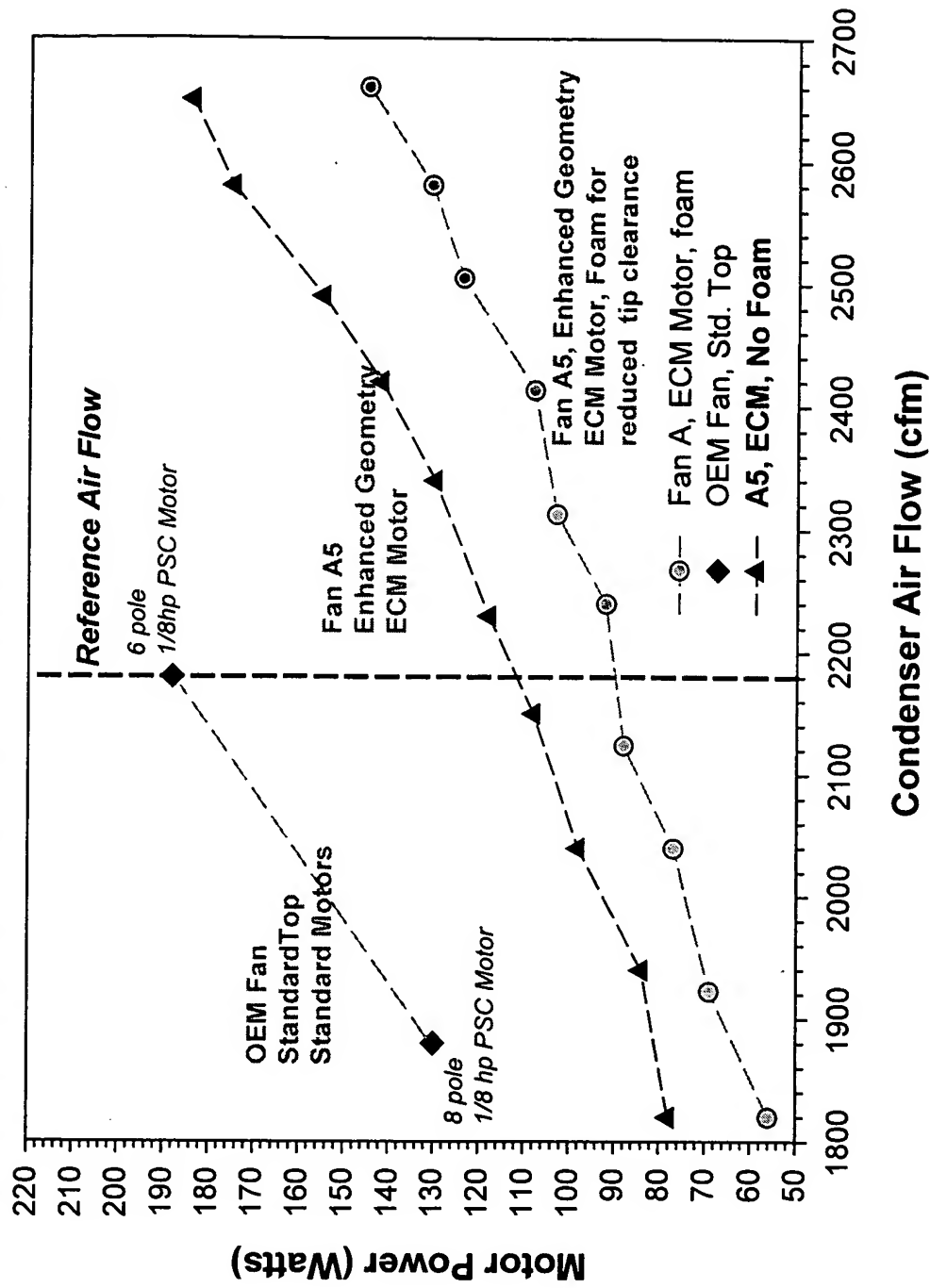


Fig. 43 Impact of reduced tip clearance from foam strip

Condenser Airflow vs. Motor Power



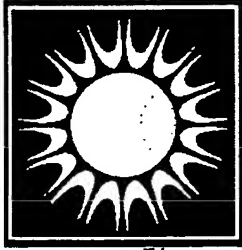
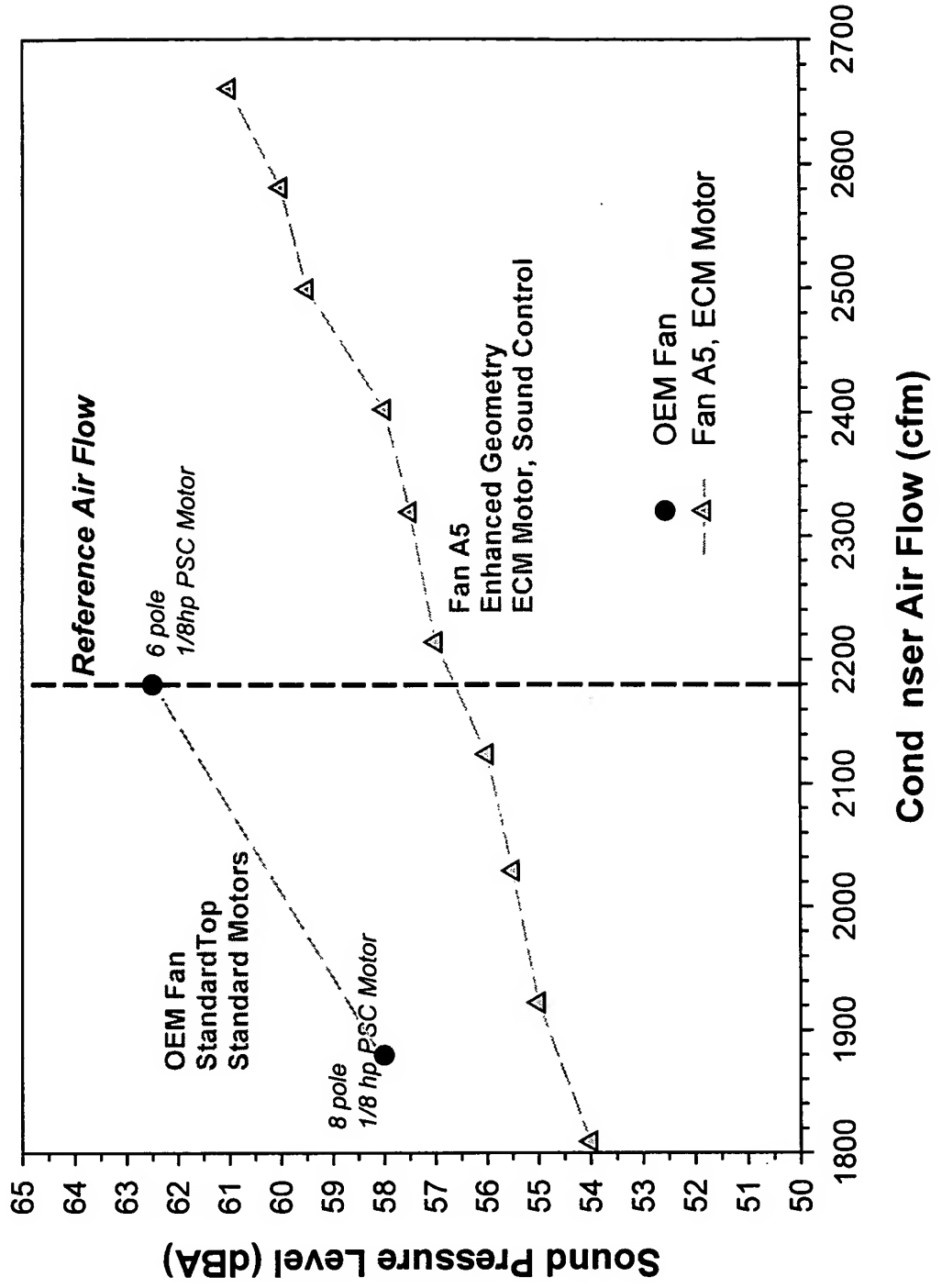


Fig. 44 Impact on Sound

Condenser Airflow vs. Sound Level  
ARI 270-1995



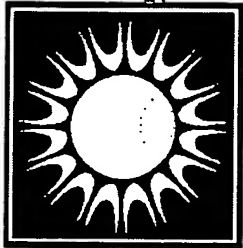


Fig. 45 *Relative Fan Performance*

Condenser Airflow vs. Power  
Standard PSC Motors

